

Seq1 : Hi-AF (104 mers)

5' -gatcctttatggttggtttactgactgactgaatccggtcagaacctgtgcctgtg
cgaaggctctaactgtttgcggccagggaacaaatgcatcctgggc-3'

Seq2: Hi-AR (107 mers)

5' -ctctagagcccaggatgcatttggtgacctggccgcaaacttagagccttcgcacag
gcacaggttctgaccggattcagtgagtcagtgtaacaaccataaag-3'

Seq3: Hi-BF (111 mers)

5' -tctagaggcgaaaaaatcaatgcgttactggcgaagggtactccacaaggctttgaat
cccgaagaatagaaaccgcagtcctccgacgacagaacctgcaataatagggc-3'

Seq4: Hi-BR (108 mers)

5' -ggccgccctattattgcaggtattcttccgggatttcttcaaagtcgccgtcggttg
agactgcggtttcgaggtaccttcgccagtaacgcattgatttttttcgc-3'

FIG. 1

5'-tcgggatcctttatggttgtttacactgactgc-3'

Seq6: Hi-PCR-AR (31 mers)
5'-gcctctagagcccaggatgcatttggtgccc-3'

Seq7: Hi-PCR-BF (38 mers)
5'-ggctctagaggcgaaaaaatcaatgcgttactggcga-3'

5'-catgCGGCCGccctattattgcaggtattcctt-3'

FIG. 2

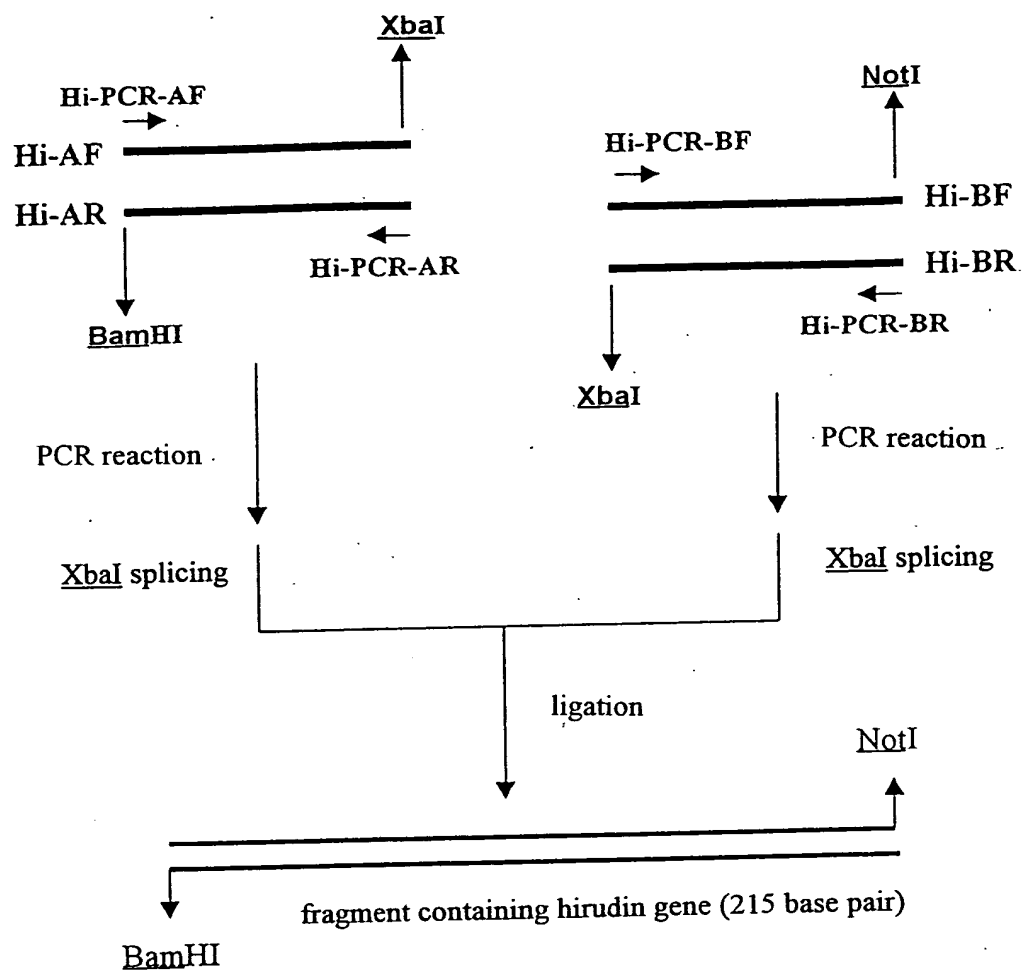


FIG. 3

(A)

GATCCTTT ATG GTT GTT TAC ACT GAC TGC ACT GAA TCC GGT CAG
 AAC CTG TGC CTG TGC GAA GGC TCT AAC GTT TGC GGC CAG GGC
 AAC AAA TGC ATC CTG GGC TCT AGA GGC GAA AAA AAC CAG TGC
 GTT ACT GGC GAA GGT ACC CCG AAA CCG CAG TCT CAC AAC GAC
 GGC GAC TTC GAA GAA ATC CCG GAA GAA TAC CTG CAG TAA TAGGGC

(B)

Met Val Val Tyr Thr Asp Cys Thr Glu Ser Gly Gln Asn Leu
 Cys Leu Cys Glu Gly Ser Asn Val Cys Gly Gln Gly Asn Lys
 Cys Ile Leu Gly Ser ~~Arg~~ Gly Glu Lys Asn Gln Cys Val Thr
 Gly Glu Gly Thr Pro Lys Pro Gln Ser His Asn Asp Gly Asp
 Phe Glu Glu Ile Pro Glu Glu Tyr Leu Gln

FIG. 4



0.03 mg homogenization solution of mammary gland cell

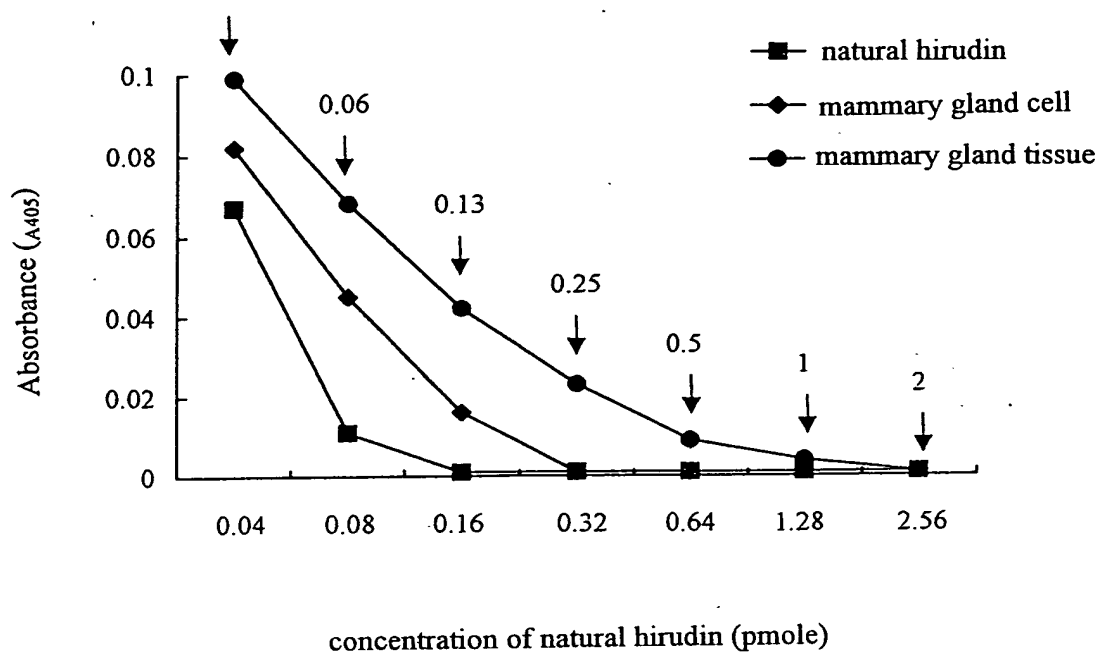


FIG. 6

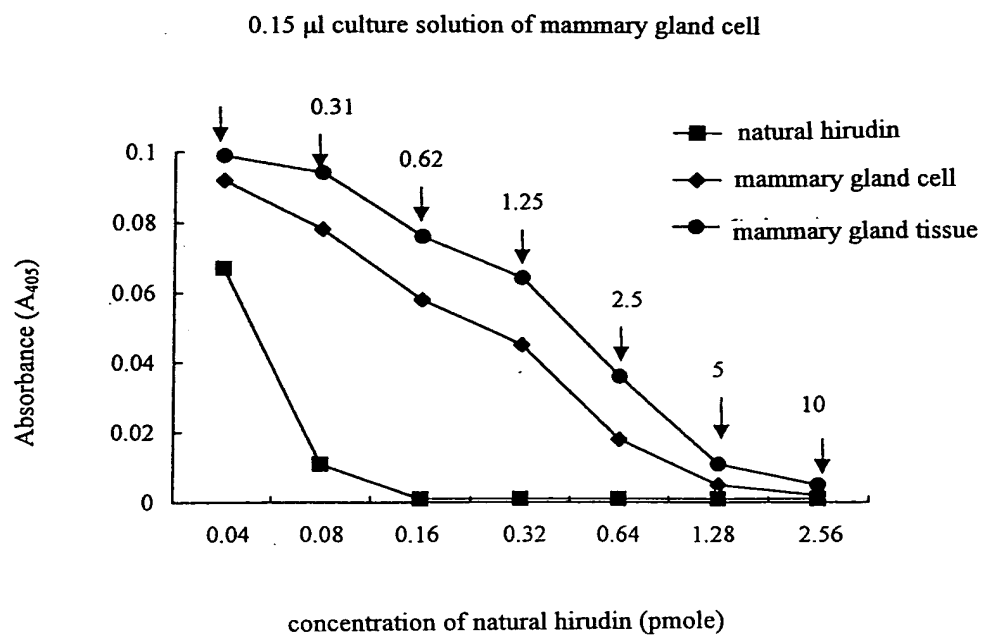
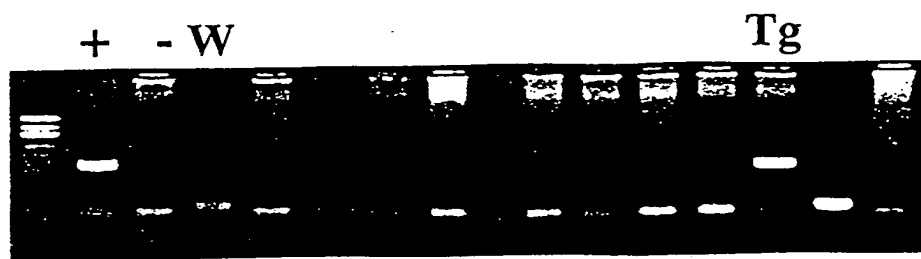


FIG. 7

(A)



(B)

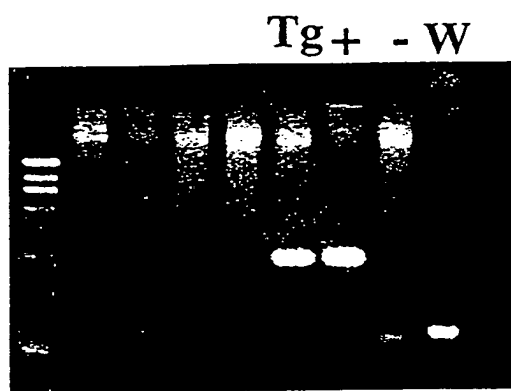


FIG. 8